

Certified Mail 7099 3220 0008 2620 2929

February 27, 2002

Missouri Department of Natural Resources Hazardous Waste Program Biennial Report P. O. Box 176, 205 Jefferson Jefferson City, MO 65101

RE: RCRA Biennial Report

Gentlemen:

In accordance with the instructions we received in a letter from John C. Beard, Chief, Fees and Taxes Unit, enclosed please find one completed copy of the U.S. Environmental Protection Agency 2001 Hazardous Waste Report for BASF Corporation's Hannibal, Missouri, manufacturing facility.

If you have any questions with regard to information contained in this report or require additional information, please contact me at 1-573-769-8768.

Sincerely,

BASF Corporation Hannibal Plant

J. Brad Willett, P.E.

Manager, Environmental Services

dep enclosures jbw\2001RCRA biennial report cover.doc

cc: Ms. Irene Crawford

R00407084 RCRA RECORDS CENTER CA/QCH - HE/TRI- OCZ

26 APR 2002

OMB#: 2050-0175 Expires 12/31/2003

MAIL THE COMPLETED FORM To: The Appropriate EPA Regional or State Office.	United States Environmental Prote RCRA SUBTITLE C SITE IDENT			12: - 6 · 2012	
Reason for Submittal (see instructions on page 10) CHECK CORRECT BOX(ES)	Reason for Submittal: To provide initial notification (to obtain an EPA ID Normal To provide subsequent notification (to update site in As a component of a First RCRA Hazardous Wasten As a component of a Revised RCRA Hazardous Wasten As a component of the Hazardous Wasten Report.	dentification Part A Permit ste Part A Pei	information). Application.	•	
Site EPA ID Number (see instructions on page 11)	EPA ID Number: [M 0 D [0 5 0] [2 2 6] [0	0 7 5			
3. Site Name (see instructions on page 11)	Name: BASF Corporation			0	
4. Site Location Information (see	Street Address: 3150 Highway JJ	8	_		
instructions on page 11)	City, Town, or Village: Palmyra		State: MO		
	County Name: Marion		Zip Code : 63461		
5. Site Land Type (see instructions on page 11)	Site Land Type: 2 Private County District	☐ Federal	☐ Indian ☐ Municipal ☐	State Other	
6. North American Industry Classification System	A. 32532	В.			
(NAICS) Code(s) for the Site (see instructions on page 11)	C.	D.			
7. Site Mailing Address (see instructions on page	Street or P. O. Box : P. O. Box 817				
12)	City, Town, or Village: Hannibal				
	State: MO				
	Country: Marion		Zip Code : 63401–081	7	
8. Site Contact Person (see instructions on page 12)	First Name: Brad	MI:	Last Name: Will	ett	
mistractions on page 127	Phone Number: 573-769-2011	×.	Phone Number Extension:	8768	
9. Legal Owner and Operator of the Site (see	A. Name of Site's Legal Owner: BASF Corpor	ation	Date Became Owner (mm/d		
instructions on pages 12 and 13)	Owner Type: 2 Private County District	☐ Federal	☐ Indian ☐ Municipal ☐ S		
	B. Name of Site's Operator: BASF Corpora	ation	Date Became Operator (mm	/dd/yyyy): 07/01/20 0 0	
0	Operator Type: 🖾 Private 🗅 County 🗅 District	☐ Federal	☐ Indian ☐ Municipal ☐ St	ate Other	

OMB#: 2050-0175 Expires 12/31/2003

M 0 D 0 5 0 2 2 EPA ID No. 10. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. See instructions on pages 13, 14, 15, and 16) **Hazardous Waste Activities** 1. Generator of Hazardous Waste For Items 2 through 6, check all that apply: (choose only one of the following three categories) ☐ 2. Transporter of Hazardous Waste a. LQG: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or 3. Treater, Storer, or Disposer of Hazardous Waste (at your site) Note: A hazardous waste permit is required ☐ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute for this activity. hazardous waste: or 4. Recycler of Hazardous Waste (at your site) Note: A ☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous hazardous waste permit may be required for this activity. 5. Exempt Boiler and/or Industrial Furnace In addition, indicate other generator activities (check all that apply) a. Small Quantity On-site Burner Exemption ☐ d. United States Importer of Hazardous Waste ☐ b. Smelting, Melting, Refining Furnace Exemption ☐ e. Mixed Waste (hazardous and radioactive) Generator ☐ 6. Underground Injection Control **Universal Waste Activities** C. Used Oil Activities 1. Large Quantity Handler of Universal Waste [refer to your State regulations to 1. Used Oil Transporter - Indicate Type(s) of Activity(ies) determine what is regulated]. Indicate types of universal waste generated a. Transporter and/or accumulated at your site. (check all boxes that apply): ☐ b. Transfer Facility Generated **Accumulated** 2. Used Oil Processor and/or Re-refiner - Indicate Type(s) of Activity(ies) a. Batteries a. Processor b. Pesticides ☐ b. Re-refiner c. Thermostats ☐ 3. Off-Specification Used Oil Burner d. Lamps e. Other (specify) 4. Used Oil Fuel Marketer - Indicate Type(s) of Activity(ies) f. Other (specify) ☐ a. Marketer Who Directs Shipment of Off-Specifica g. Other (specify) tion Used Oil to Off-Specification Used Oil Burner ☐ b. Marketer Who First Claims the Used Oil Meets the □ 2. Destination Facility for Universal Waste Specifications Note: A hazardous waste permit may be required for this activity. 11. Description of Hazardous Wastes (see instructions on pages 16 and 17) A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed. D 0 0 1 D 0 2 8 U 2 2 0 D 0 0 2 D 0 0 7 P 0 9 4 F 0 0 2 D 0 0 3 D 0 0 6 F 0 0 3 B 0 0 d F 0 0 5 D 0 0 9 K 0 3 8 D 0 2 1 U 1 6 1

				T T T T T T	
			EPA ID No.	M O D O 5 O 2	2 6 0 7 5
B. Waste Codes for State-Regulated (i.e., no handled at your site. List them in the order the	on-Federal) Hazardous ney are presented in the	Wastes. Please list the regulations. Use an ac	waste codes of the Stat dditional page if more s	te-regulated hazardous paces are needed for v	s wastes waste codes.
					>
12. Comments (see instructions on page	je 17)				
					8
				-	
					9
9					2
				-	
	*				
		1			
	x				
13. Certification. I certify under penalty of accordance with a system designed to assure the person or persons who manage the syst best of my knowledge and belief, true, accurate possibility of fine and imprisonment for	re that qualified personrem, or those persons defended and complete. I am	nel properly gather and irectly responsible for g n aware that there are s	evaluate the information athering the information ignificant penalties for s	n submitted. Based on n, the information sub	my inquiry of mitted is, to the
Signature of owner, operator, or an authorized representative		Name and Official	Title (type or print)	e es	Date Signed (mm/dd/yyyy)
W.E. Warre	Donald E. War	rren, Plant Ma	nager		427/02
L					
				N 50 K1 - 0	7

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: BASF Corporation—Hannibal Plant

3150 Highway JJ

Palmyra, MO 63461

EPA ID NO:

M O D 05 0 2 2 6 0 7 5



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

Sec. 1	d. 1 A. Waste description (page 22). Aqueous & organic wastewater from phorate, terbufos, pendimethalin, imidazolinone, Pyrrole, 5-methoxymethyl-2,3-pyridinedicarboxylic acid manufacturing						
	azardous waste code D 0 0 1		C. State hazard				
(page 2		$D \mid 0 \mid 2 \mid 1$	INI A	1 1 1 1 N	A		
11-3-							
D. Source	e code [G_ 0 8]	E. Form code	F. RCRA		generated in 2001 (page	н. иом 2	
(page 2	23) Management Method code for	(page 23)	radioactive mixed	23)		(page 23)	
	Source code G25		(page 23)			Density (page 24)	
	II N A	1 1 1 0		l	206240		
1	$_{f L}$ H $_{f L}$, $_{f N}$ $_{f L}$ $_{f A}$	$\lfloor W_{\perp} 1_{\perp} 1_{\perp} 9_{\perp}$	□ Yes		$1 \cdot 3 \cdot 8 \cdot 6 \cdot 2 \cdot 4 \cdot 0$	$\lfloor \rfloor \lfloor \lfloor N \rfloor A \rfloor$	
		× 18	2	1		□ lbs/gal □ sg	
Sec. 2	Sec. 2 Was any of this waste managed on site? (page 24)						
▼ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1)							
	2 No (SKIP TO SEC. 3)						
ON-SITE PI	ON-SITE PROCESS SYSTEM 1 ON-SITE PROCESS SYSTEM 2						
On-site M	On-site Management Quantity treated, disposed, or On-site Management Quantity treated, disposed, or						
Method code (page 24) recycled on site in 2001 (page 25) Method code (page 24) recycled on site in 2001 (page 25)				1 (page 25)			
[H] O	4 0	3 6 2 4 0	LH INIA	<u> </u>		_ N_A	
	$[H_1 0] 4[0]$ $[H_1 N] A_1$ $[H_2 N] A_2$ $[H_3 N] A_3$ $[H_4 N] A_4$ $[H_4 N] A_4$ $[H_4 N] A_5$						
Sec. 3	ec. 3 A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26)						
Sec. 3	A. Was any of this waste shipped off sit	e in 2001 for treatm	nent, disposal, or	recycling? (pag	ges 25 and 26)		
Sec. 3	A. Was any of this waste shipped off sit	e in 2001 for treatm 2 No (FORM IS CO	nent, disposal, or DMPLETE)	recycling? (pag	ges 25 and 26)		
Sec. 3	☐ 1 Yes (CONTINUE TO BOX B) B. EPA ID No. of facility to which waste	2 No (FORM IS CO	MPLETE) Management Me	, , , , , , ,	D. Total quantity shippe		
	☐ 1 Yes (CONTINUE TO BOX B) 🛣	2 No (FORM IS CO	MPLETE)	, , , , , , ,	D. Total quantity shippe (page 26)	ed in 2001	
	☐ 1 Yes (CONTINUE TO BOX B) B. EPA ID No. of facility to which waste	was C. Off-site Shipped	MPLETE) Management Me	, , , , , , ,	D. Total quantity shippe	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site Shipped	MAPLETE) Management Me I to (page 26)	thod code	D. Total quantity shippe (page 26)	ed in 2001	
	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site was C. Off-site	MANAGEMENT Med to (page 26) LH LL LL Management Med Management Med Management Med	thod code	D. Total quantity shippe (page 26) L. L	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site was C. Off-site	Management Me i to (page 26) Management Me i to (page 26) Management Me i to (page 26)	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26)	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site Shipped Shipped	MANAGEMENT Med to (page 26) LH LL LL Management Med Management Med Management Med	thod code	D. Total quantity shippe (page 26) L. L	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site Shipped Shipped	Management Me i to (page 26) Management Me i to (page 26) Management Me i to (page 26)	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26)	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site Shipped was C. Off-site Shipped was C. Off-site Shipped was C. Off-site	Management Me i to (page 26) Management Me i to (page 26) Management Me i to (page 26)	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26)	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste	was C. Off-site Shipped was C. Off-site Shipped was C. Off-site Shipped was C. Off-site Shipped	Management Me i to (page 26) Management Me i to (page 26) Management Me i to (page 26)	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26) L. L	ed in 2001 ed in 2001 d in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site Shipped was C. Off-site Shipped was C. Off-site Shipped	Management Me i to (page 26)	thod code thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26) L. L	ed in 2001	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	was C. Off-site Shipped was C. Off-site Shipped was C. Off-site Shipped	Management Me i to (page 26)	thod code thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26) L. L	ed in 2001 ed in 2001 d in 2001	

SECTION 1.E -- Dilute aqueous waste $(70-99\% \text{ H}_20)$ containing organics and soluble salts varying in concentration from <1-30%.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR

ENTER:

SITE NAME: BASF Corporation--Hannibal Plant

3150 Highway JJ

Sec. 1 A. Waste description (page 22)

Palmyra, MO 63461

EPA ID NO:

M O D 0 5 0 2 2 6 0 7 5



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waşte Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses.

	Miscellaneous solid waste from the manufacturing and formulation of pesticides						
	azardous waste code [D 0 0 1]		C. State hazardo				
(page 2	$\frac{[D_1 0_1 0_1 3]}{[D_1 0_1 0_1 6]} = \frac{[D_1 0_1 0_1 6]}{[D_1 0_1 0_$	D ₁ O ₁ Q A			I I INIA		
D. Source (page 2	23) Management Method code for	E. Form code (page 23)	F. RCRA radioactive mixed	G. Quantity (2)	generated in 2001 (page	H. UOM 2 (page 23)	
	Source code G25		(page 23)			Density (page 24)	
	(H)	_W <u>_4_0_1</u>	□ Yes		1 1 4 4 . 7	□ lbs/gal □ sg	
Sec. 2	Was any of this waste managed on site?	(page 24)		20			
☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) ☑ 2 No (SKIP TO SEC. 3)							
ON-SITE PI	ROCESS SYSTEM 1		ON-SITE PROCES	S SYSTEM 2		n	
On-site Management Quantity treated, disposed, or Method code (page 24) recycled on site in 2001 (page 25) On-site Management Quantity treated, disposed, or Method code (page 24) recycled on site in 2001 (page 25)							
ГНТТ		Ш.Ш.	r _H T T T	1			
Sec. 3	A. Was any of this waste shipped off site X 1 Yes (CONTINUE TO BOX B)	in 2001 for treatm 2 No (FORM IS CC		recycling? (pag	ges 25 and 26)	16	
Site 1	B. EPA ID No. of facility to which waste v shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
1	[A R D [0 6 9 [7 4 8] [1 9	1_2	H 0 4 0	-		14181.61	
Site 2	B. EPA ID No. of facility to which waste washipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
						LL,L.L	
Site 3	B. EPA ID No. of facility to which waste v shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
52 1			r _H TTTT				
	s: Section 1.B D008, on 1.D This code is r						

Section 1.E -- This may include solids that are generated before the active ingred-

*

ient is produced

broken out individually -- Gl1, Gl3, Gl4, Gl5.

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

BASF Corporation--Hannibal Plant

3150 Highway JJ

Palmyra, MO 63461

EPA ID NO:

 $M_1O_1D_1O_15_1O_12_26_1O_17_5$



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM **GM**

WASTE GENERATION AND MANAGEMENT

Sec. 1	Sec. 1 A. Waste description (page 22) Spill clean-up recovery waste and debris						
B. EPA ha	azardous waste code	D 0 0 2 D 0 2 8	C. State hazardo		le (page 22)		
D. Source (page 2	e code LG 3 2 23) Management Method code for Source code G25	E. Form code (page 23)	F. RCRA radioactive mixed (page 23)	G. Quantity (23)	generated in 2001 (page	H. UOM 2 Density (page 24)	
	[H]	_ w_ 3_ 0_ 1_	□ Yes		2 6 . 0	□ Ibs/gal □ sg	
Sec. 2	Sec. 2 Was any of this waste managed on site? (page 24) □ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) ½ 2 No (SKIP TO SEC. 3)						
ON-SITE P	ROCESS SYSTEM 1		ON-SITE PROCES	S SYSTEM 2			
On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25)			On-site Management Quantity treated, dispose recycled on site in 2001				
LH1			LHT T	1			
Sec. 3	A. Was any of this waste shipped off sit	e in 2001 for treatm 2 No (FORM IS CC		recycling? (pag	ges 25 and 26)		
Site 1	B. EPA ID No. of facility to which waste shipped (page 26)	The second of th	Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
1	[A, R, D, 0, 6, 9, 7, 4, 8, 1]	9 2	H 0 4 0			1 3 6 . 2	
Site 2	B. EPA ID No. of facility to which waste shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
			[H			<u></u> .	
Site 3	B. EPA ID No. of facility to which waste shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
			[H]	E .			
	Comments: Section 1.B F002, F003, F005, K038, U161, U220, P094						
		Section 1.E Soil contaminated with organics					

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: BASF Corporation--Hannibal Plant

3150 Highway JJ

Palmyra, MO 63461



U.S. ENVIRONMENTAL **PROTECTION AGENCY**

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Sec. 1 A. Waste description (page 22) "Derived from" rule wasterefractory and quench ash							
	B. EPA hazardous waste code [D 0 0 1] [D 0 0 2] (page 22) [D 0 0 3] [D 0 0 7] [D 0 2 1]			C. State hazardous waste code (page 22)			
D. Source code			F. RCRA radioactive mixed	G. Quantity g 23)	enerated in 2001 (page	H. UOM 2 (page 23)	
Source code G25			(page 23) □ Yes		<u> 2 6 3</u> . <u>2</u>	Density (page 24) Light	
Sec. 2 Was any of this waste managed on site? (page 24) □ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) □ x 2 No (SKIP TO SEC. 3)							
ON-SITE PE	ROCESS SYSTEM 1		ON-SITE PROCES	S SYSTEM 2			
	anagement Quantity treated, disp ode (page 24) recycled on site in 20	On-site Management Quantity treated, disposed, or Method code (page 24) recycled on site in 2001 (page 25)					
LHINA LIIINAL LHINA				LINIAI.LI			
Sec. 3	A. Was any of this waste shipped off site	e in 2001 for treatm 2 No (FORM IS CO	ent, disposal, or MPLETE)	recycling? (pag	ges 25 and 26)		
Site 1	B. EPA ID No. of facility to which waste shipped (page 26)		Management Me I to (page 26)	thod code	D. Total quantity shippe (page 26)	ed in 2001	
	A L D [0 0 0 6 2 2 4 2	141	$_{L}H_{\perp}1_{\perp}3_{L}2_{L}$			1216121.171	
Site 2	B. EPA ID No. of facility to which waste shipped (page 26)	SERVICE IN THE SERVIC	Management Me I to (page 26)	thod code	D. Total quantity shippe (page 26)	ed in 2001	
			[H]				
Site 3	B. EPA ID No. of facility to which waste shipped (page 26)	Shipped	Management Me I to (page 26)	thod code	D. Total quantity shippe (page 26)	ed in 2001	
			L _H ⊥⊥⊥⊥				
Comment	ts: cion 1.B D028, F002, I	F003, F005,	козв, ро9	4, U161,	U220		
Sect	Section 1.D Spent refractory and quench ash from hazardous waste incinerator operations						

FURM GM	
BEFORE COP' ENTER:	YING FORM, ATTACH SITE IDENTIFICATION LABEL OR
SITE NAME:	BASF CorporationHannibal Plant 3150 Highway JJ Palmyra, MO 63461
EPA ID NO:	$[M_1O_1D_1 \ [O_15_1 \ O_1 \ [2_12_16] \ [O_17_1 \ 5]]$
	7,63



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste description (page 22) "COD" Analytical wa	ıstes						
B. EPA hazardous waste code [D 0 0 2 D 0 9 (page 22)			C. State hazardous waste code (page 22)			, ,		
D. Source (page 2		E. Form code (page 23)	F. RCRA radioactive mixed (page 23)	23)	generated in 2001 (page	H. UOM 2 (page 23) Density (page 24) Uliphic lips/gal sg		
Sec. 2	Sec. 2 Was any of this waste managed on site? (page 24) □ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) ©X 2 No (SKIP TO SEC. 3)							
ON-SITE PI	ROCESS SYSTEM 1		ON-SITE PROCESS	S SYSTEM 2				
On-site Management Quantity treated, disposed, or Method code (page 24) recycled on site in 2001 (page 25)				On-site Management Quantity treated, disposed, or Method code (page 24) recycled on site in 2001 (page 25)				
LH		L.L.	r _H TTT]				
Sec. 3	A. Was any of this waste shipped off site	in 2001 for treatm 2 No (FORM IS CO		recycling? (pag	ges 25 and 26)			
Site 1	B. EPA ID No. of facility to which waste washipped (page 26)	District Devices Devices	Management Met to (page 26)	hod code	D. Total quantity shippe (page 26)	d in 2001		
	[A R D 0 6 9 7 4 8 1 9	12	$_{L}H_{\perp}0_{\perp}1_{\perp}0_{\rfloor}$			111.131		
Site 2	B. EPA ID No. of facility to which waste v shipped (page 26)		Management Met to (page 26)	hod code	D. Total quantity shippe (page 26)	d in 2001		
			[H]			LL		
Site 3	B. EPA ID No. of facility to which waste v shipped (page 26)	Shipped	Management Met to (page 26)	hod code	D. Total quantity shippe (page 26)	d in 2001		
·			[H]			,		
Comment	ts:					2002		

ENTER:	DPYING FORM, ATTACH SITE IDENTIFICATION LA BASF Corporation—Hannibal		ACENCY CANALOGY AGENCY		U.S. ENVIRONMENT PROTECTION AGE	
SITE NAME	3150 Highway JJ Palmyra, MO 63461		THAT AROTECTAS	20	01 Hazardous Waste	e Report
EPA ID NO	: [M ₁ O ₁ D ₁ [O ₁ 5 ₁ O ₁ [2 ₁ 2 ₁ 6] [O ₁ 7 ₁ 5 ₁		FORM GM		WASTE GENERAT	
Instruction completi	ons: Please see the detailed instructionsing this form. In addition, the page num	beginn ber for i	ing on page 1 nstructions sp	9 of the ins ecific to ea	tructions and forms ch box is provided in	booklet before n parentheses.
Sec. 1	A. Waste description (page 22) Waste Oil					
B. EPA has	zardous waste code		C. State hazardo		e (page 22)	
D. Source (page 2	(page	code e 23)	F. RCRA radioactive mixed	G. Quantity g 23)	generated in 2001 (page	H. UOM 2 (page 23)
		0 6	(page 23) □ Yes		1 1 1 1 6 . 8	Density (page 24)
Sec. 2	Was any of this waste managed on site? (page 24 ▼ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1		ON-SITE PROCES	S SYSTEM 2		
On-site Ma	anagement Quantity treated, disposed, or recycled on site in 2001 (page	100 E	On-site Manage Method code (p	age 24)	Quantity treated, disported on site in 200	1 (page 25)
Sec. 3	A. Was any of this waste shipped off site in 2001 ▼ 1 Yes (CONTINUE TO BOX B) □ 2 No (FC	for treatm ORM IS CO	nent, disposal, or i	recycling? (pa	ges 25 and 26)	
Site 1	shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	
	(A R D (0 6 9) (7 4 8) (1 9 2)		H 0 4 0			1 10 12
Site 2	B. EPA ID No. of facility to which waste was shipped (page 26)		Management Met I to (page 26)	thod code	D. Total quantity shippe (page 26)	
			FHT T			ш.ш
Site 3	B. EPA ID No. of facility to which waste was shipped (page 26)		Management Med to (page 26)	thod code	D. Total quantity shippe (page 26)	ed in 2001
			r _H TTTT			
Comment	s:	4	0			- market with the CODE
			Need	e Ti	MCRIO J.	2002
			Need Cold	this p	8	

Over ->

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

BASF Corporation--Hannibal Plan

3150 Highway JJ

Palmyra, MO 63461

EPA ID NO:

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U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste description (page 22) Spent bead blasting mo	edia				ii .
B. EPA ha (page 2	azardous waste code [D 0 6 22)		C. State hazardo		e (page 22)	
D. Source (page 2	e code [G] 9] 23) Management Method code for Source code G25	E. Form code (page 23)	F. RCRA radioactive mixed (page 23)	G. Quantity (23)	generated in 2001 (page	H. UOM 2 (page 23)
	r _H TTTTT	_w_3,1,9	□ Yes		. 8	Density (page 24) Ulbs/gal Dsg
Sec. 2	Was any of this waste managed on site?	(nage 24)				
□ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) ☑ 2 No (SKIP TO SEC. 3)						
ON-SITE P	ROCESS SYSTEM 1		ON-SITE PROCES	S SYSTEM 2		
On-site Management Quantity treated, disposed, or Method code (page 24) On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25) On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25)						
L _H ⊥⊥⊥		ш	[H] I] "		LL
Sec. 3	A. Was any of this waste shipped off site	e in 2001 for treatm 2 No (FORM IS CC	CONTRACTOR DOES AND BROOM OF THE CAMPACITY OF THE CAMPACI	recycling? (pag	ges 25 and 26)	
Site 1	B. EPA ID No. of facility to which waste shipped (page 26)		Management Met I to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001
/	[A R D [0 6 9] [7 4 8] [1 9	9 2	[H]1 3 2			1 2 14
Site 2	B. EPA ID No. of facility to which waste shipped (page 26)	The same and the s	Management Met I to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001
			[H]		Ļ	LLL.L
Site 3	B. EPA ID No. of facility to which waste shipped (page 26)		Management Met I to (page 26)	hod code	D. Total quantity shippe (page 26)	d in 2001
i 1			[H]			
Comment	ts: ion 1.D Surface prepa	ration for	painting o	r coatin	g	ng space a mana ang
Sect	ion l.E Coalfines, sa	nd, glass b	eads, and	other su	rface preparati	lon materials
						7502

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME: BASF Corporation—Hannibal Plant

3150 Highway JJ

Palmyra, MO 63461

EPA ID NO:

M O D 0 5 0 2 2 1 6 0 7 5



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Sec. 1	Sec. 1 A. Waste description (page 22) Waste epoxy resins and paint						
B. EPA ha	azardous waste code [D 0 6] [D	101018	C. State hazardo		e (page 22) 		
D. Source	- 1919	E. Form code (page 23)	F. RCRA radioactive mixed	G. Quantity g 23)	generated in 2001 (page	H. UOM 1 1 (page 23)	
,	tHT-T-T-J	LW_2_0,9	(page 23) □ Yes		7 5 . 0	Density (page 24) Lilia Lilia Dissipal Disg	
Sec. 2	Sec. 2 Was any of this waste managed on site? (page 24) □ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) □ X 2 No (SKIP TO SEC. 3)						
ON-SITE P	ROCESS SYSTEM 1		ON-SITE PROCES	S SYSTEM 2	1		
On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25)			On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25)				
ſ _H Ť Ť							
Sec. 3	A. Was any of this waste shipped off site in	n 2001 for treatm No (FORM IS CC		recycling? (pag	ges 25 and 26)		
Site 1	B. EPA ID No. of facility to which waste was shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
	A R D 0 6 9 7 4 8 1 9	2	H 0 4 0	9		117151.101	
Site 2	B. EPA ID No. of facility to which waste was shipped (page 26)	personal life parameter references interestrates in	Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	ed in 2001	
			[H]			LLL.L	
Site 3	B. EPA ID No. of facility to which waste was shipped (page 26)		Management Met I to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
			ſ _H TTTT				
Commen	ts:						
						er og en der men er også en en er	
		0	, F				
	9						

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR

SITE NAME: BASF Corporation--Hannibal Plant

3150 Highway JJ Palmyra, MO 63461

EPA ID NO: [M | O | D | 0 | 5 | 0 | 2 | 2 | 6 | 0 | 7 | 5



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste description (page 22) Reactive waste contaminated with phosphorus pentasulfide						
B. EPA ha (page 2			C. State hazardo		le (page 22)		
D. Source (page 2		E. Form code (page 23)	F. RCRA radioactive mixed	G. Quantity (generated in 2001 (page	H. UOM 2 (page 23) Density (page 24)	
	LHTT.	ر <u>۱۳ 3 1 9 </u>	□ Yes	(page 23)			
Sec. 2	Was any of this waste managed on site	? (page 24)					
ı.	☐ 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) ☑ 2 No (SKIP TO SEC. 3)						
ON-SITE P	ROCESS SYSTEM 1	E V	ON-SITE PROCES	S SYSTEM 2			
On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25)			On-site Management Quantity treated, disposed, or Method code (page 24) recycled on site in 2001 (page 25)				
[H]							
Sec. 3	A. Was any of this waste shipped off si	te in 2001 for treatm □ 2 No (FORM IS CO	ent, disposal, or r MPLETE)	recycling? (pag	ges 25 and 26)		
Site 1	B. EPA ID No. of facility to which waste shipped (page 26)		Management Met to (page 26)	thod code	D. Total quantity shippe (page 26)	d in 2001	
	[A R D 0 6 9 7 4 8 1	9 2	H 0 4 0			1.7	
Site 2	B. EPA ID No. of facility to which waste shipped (page 26)		Management Met to (page 26)	hod code	D. Total quantity shippe (page 26)	d in 2001	
			[H] []	e e		LL	
Site 3	B. EPA ID No. of facility to which waste shipped (page 26)	Shipped	Management Met to (page 26)	hod code	D. Total quantity shipper (page 26)	d in 2001	
			ſ _H T T T				
Comment Section	s: on l.E Waste reactiv hydrogen sulf	re, flammablo Eide	e solids w	ith the	potential to li	berate	
						2 2000	

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME:

BASF Corporation--Hannibal Plan

3150 Highway JJ

Palmyra, MO 63461

EPA ID NO:

M O D O 5 O 2 2 6 0 7 5



U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

Sec. 1	A. Waste description (page 22) Lab packs					
B. EPA hazardous waste code [D 0 0 1 D 0 0 2 (page 22) [P 0 9 4 [D 1 1 1 1 1 1 1 1 1			C. State hazardous waste code (page 22)			
D. Dodice code		E. Form code (page 23)	F. RCRA radioactive mixed	G. Quantity generated in 2001 (page 23)		H. UOM 1 (page 23)
	LH	_w_ 0, 0, 4	(page 23) □ Yes	<u> </u>	1 1 2 0 . 0	Density (page 24) Ulbs/gal □ sg
Sec. 2 Was any of this waste managed on site? (page 24) 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) 2 2 No (SKIP TO SEC. 3)						
ON-SITE PROCESS SYSTEM 1			ON-SITE PROCESS SYSTEM 2			
On-site Management Quantity treated, disposed, or recycled on site in 2001 (page 25)			On-site Management Quantity treated, disp Method code (page 24) recycled on site in 200			
LH			(^H			
Sec. 3 A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages 25 and 26) If 1 Yes (CONTINUE TO BOX B) In 2 No (FORM IS COMPLETE)						
Sec. 3	A. Was any of this waste shipped off site	e in 2001 for treatm 2 No (FORM IS CO	nent, disposal, or DMPLETE)	recycling? (pag	ges 25 and 26)	
Sec. 3	A. Was any of this waste shipped off site It is a sixty of the same of the sixty o	2 No (FORM IS CO was C. Off-site	nent, disposal, or DMPLETE) Management Me d to (page 26)		D. Total quantity shippe (page 26)	ed in 2001
	B. EPA ID No. of facility to which waste	2 No (FORM IS CO was C. Off-site Shipped	MPLETE) Management Me		D. Total quantity shippe	
	B. EPA ID No. of facility to which waste shipped (page 26)	2 No (FORM IS COwas C. Off-site Shipped C. Off-site	Management Me d to (page 26)	thod code	D. Total quantity shippe (page 26)	18161.101
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) [A R D] [O 6 9] [7 4 8] [1 9] B. EPA ID No. of facility to which waste	2 No (FORM IS COwas C. Off-site Shipped Cowas	Management Me i to (page 26) [H O 4 0] Management Me	thod code	D. Total quantity shippe (page 26) L. J.	18161, LOJ ed in 2001
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	2 No (FORM IS COwas C. Off-site Shipped Shipped Cowas C. Off-site Shipped C. Off-site Shipped Cowas C. Off-site Shipped Cowas C. Off-site Shipped C.	Management Me d to (page 26) LH O 4 O Management Me d to (page 26)	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26)	1 18 16 1 10 1 ed in 2001
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) [A R D] [O 6 9] [7 4 8] [1 9] B. EPA ID No. of facility to which waste shipped (page 26) [B. EPA ID No. of facility to which waste shipped (page 26)	2 No (FORM IS COwas C. Off-site Shipped Shipped Cowas C. Off-site Shipped C. Off-site Shipped Cowas C. Off-site Shipped Cowas C. Off-site Shipped C.	Management Me it to (page 26) LH O 4 0 Management Me it to (page 26) Management Me it to (page 26) LH I I I I	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26) L. L	ed in 2001
Site 1	B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26) B. EPA ID No. of facility to which waste shipped (page 26)	2 No (FORM IS COwas C. Off-site Shipped Shipped Cowas C. Off-site Shipped C. Off-site Shipped Cowas C. Off-site Shipped Cowas C. Off-site Shipped C.	Management Me it to (page 26) _H_O_4_O Management Me it to (page 26) _H	thod code	D. Total quantity shippe (page 26) D. Total quantity shippe (page 26) D. Total quantity shippe (page 26)	ed in 2001